




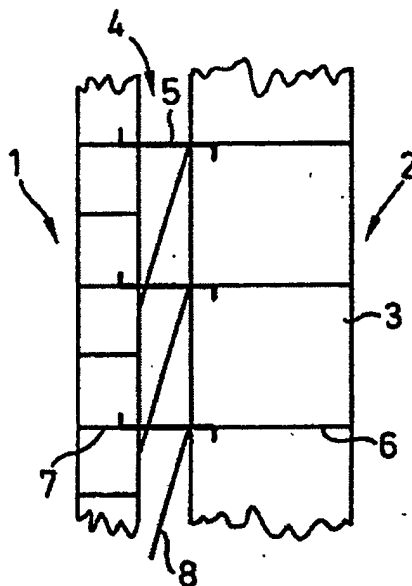


**Cavity wall.****Publication number:** EP0103097**Publication date:** 1984-03-21**Inventor:** DERING JURGEN DIPL-KFM; HAHN HANS-PETER; SCHMIDT KLAUS**Applicant:** YTONG AG (DE)**Classification:****- international:** E04B1/41; E04B1/41; (IPC1-7): E04B2/30**- European:** E04B1/41M1**Application number:** EP19830106752 19830709**Priority number(s):** DE19823230311 19820814**Also published as:** EP0103097 (A3) DE3230311 (A1) EP0103097 (B1)**Cited documents:** US3426494 DE2806988 DE2417138[Report a data error here](#)**Abstract of EP0103097**

1. Wall with an inner shell (2) and an outer shell (1) arranged at a specific distance in front of the inner shell (2), the wall shells being connected to one another by means of wire ties (5), and water-repelling barrier sheets (8) being located on the wire ties (5) in the air gap (4) between the inner shell (2) and the outer shell (1), the wire ties (5) passing through incisions (10) arranged in the region of the lower edge, and each barrier sheet (8) being inclined towards the outer shell from the top edge (12) of the barrier sheet (8) to the lower edge (9), and the incision region (13) of a barrier sheet (8) engaging over the region of the top edge (12) of the barrier sheet following it downwards, characterized in that the barrier sheets (8) are permeable to water vapour, in that in each barrier sheet (8) incisions (10) are provided on the lower edge (9) only and these incisions (10) are of equal length and extend vertically upwards, the length of the incisions (10) being calculated so that the vertical distance between the base point (11) of each incision (10) and the top edge (12) is somewhat less than the vertical distance between two horizontal adjacent rows of wire ties, and in that the barrier sheets (8) consist of fabric sheets soaked in bitumen.



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